FIG. 1

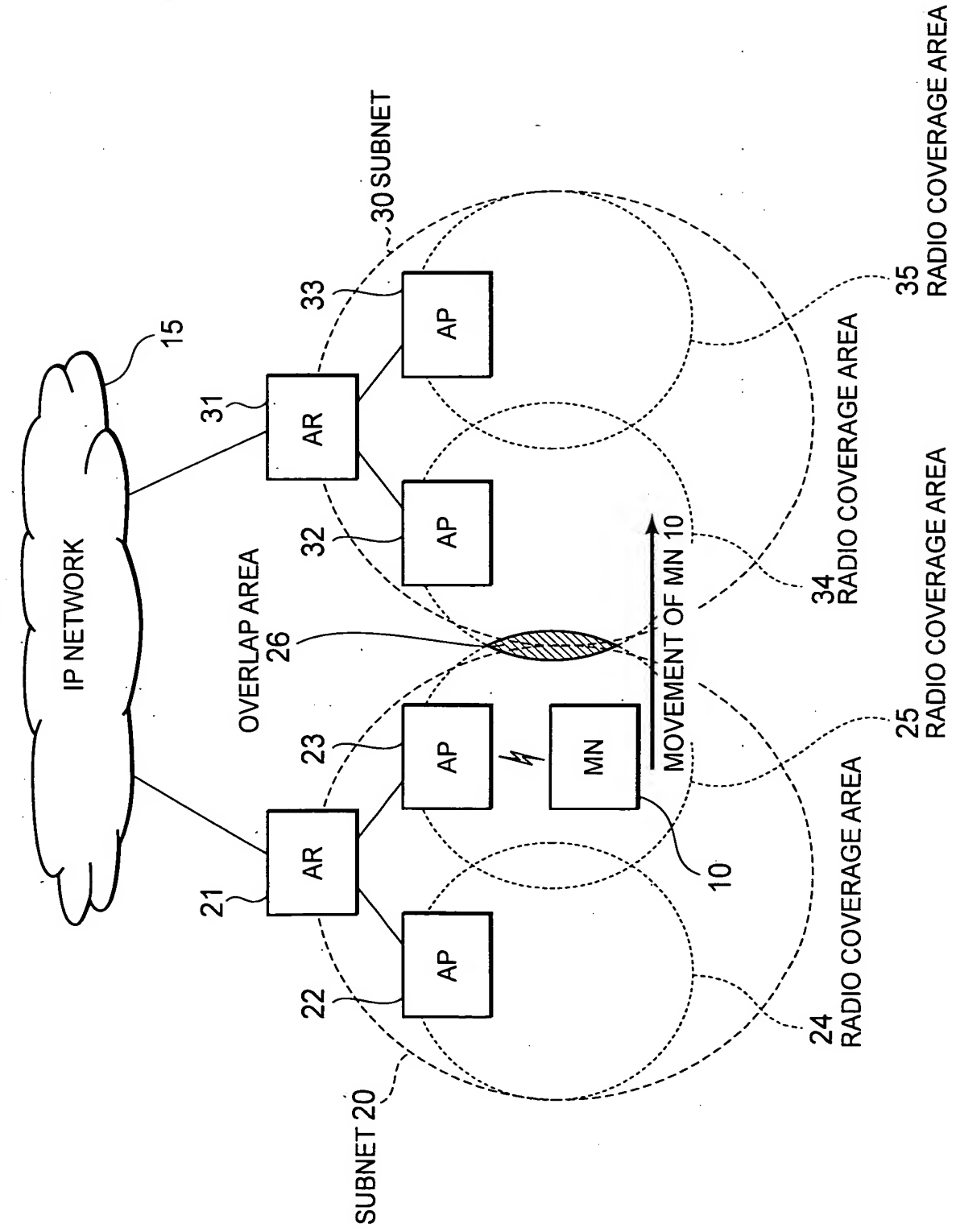

IP NETWORK
15
AR
21
AR
31
AP
22
AP
23
AP
32
AP
33
MN
10
30 SUBNET
SUBNET 20
OVERLAP AREA
26
MOVEMENT OF MN 10
24
RADIO COVERAGE AREA
25
RADIO COVERAGE AREA
34
RADIO COVERAGE AREA
35
RADIO COVERAGE AREA

FIG. 2

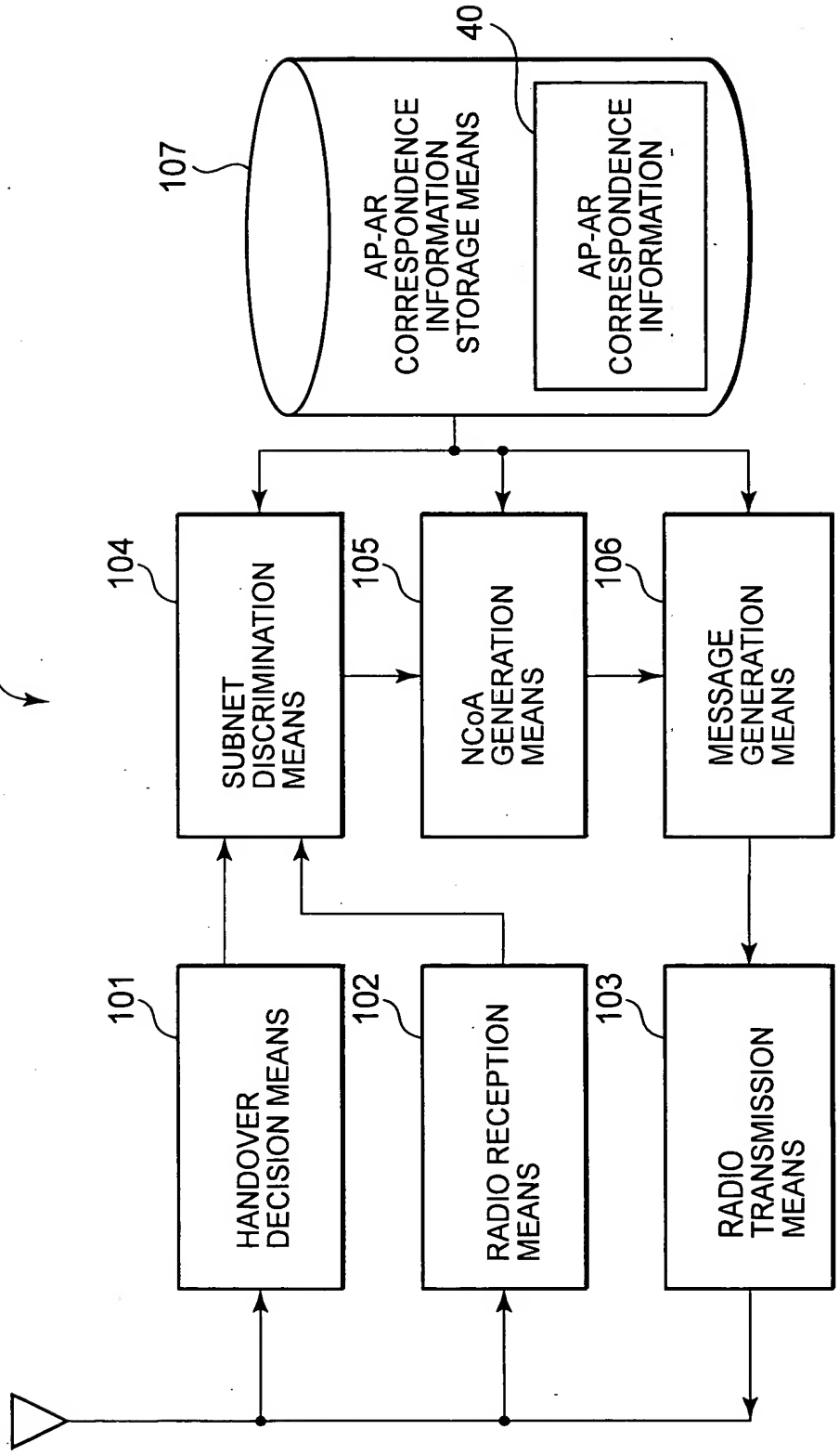

10 MN
107
40
AP-AR CORRESPONDENCE INFORMATION STORAGE MEANS
AP-AR CORRESPONDENCE INFORMATION
104
SUBNET DISCRIMINATION MEANS
105
NCoA GENERATION MEANS
106
MESSAGE GENERATION MEANS
101
HANDOVER DECISION MEANS
102
RADIO RECEPTION MEANS
103
RADIO TRANSMISSION MEANS

FIG. 3

40 AP-AR CORRESPONDENCE INFORMATION

.....	.....	.....	.....	.....	.....	.....
AR21-AP22 CORRESPONDENCE INFORMATION	LINK LAYER ADDRESS OF AP 22	LINK LAYER ADDRESS OF AR 21	IPv6 ADDRESS OF AR 21	NETWORK PREFIX OF SUBNET 20	PREFIX LENGTH OF SUBNET 20	AR21 WITH NO NSIS IMPLEMENTED
AR21-AP23 CORRESPONDENCE INFORMATION	LINK LAYER ADDRESS OF AP 23	LINK LAYER ADDRESS OF AR 21	IPv6 ADDRESS OF AR 21	NETWORK PREFIX OF SUBNET 20	PREFIX LENGTH OF SUBNET 20	AR21 WITH NO NSIS IMPLEMENTED
AR31-AP32 CORRESPONDENCE INFORMATION	LINK LAYER ADDRESS OF AP 32	LINK LAYER ADDRESS OF AR 31	IPv6 ADDRESS OF AR 31	NETWORK PREFIX OF SUBNET 30	PREFIX LENGTH OF SUBNET 30	AR31 WITH NSIS IMPLEMENTED
AR31-AP33 CORRESPONDENCE INFORMATION	LINK LAYER ADDRESS OF AP 33	LINK LAYER ADDRESS OF AR 31	IPv6 ADDRESS OF AR 31	NETWORK PREFIX OF SUBNET 30	PREFIX LENGTH OF SUBNET 30	AR31 WITH NSIS IMPLEMENTED
.....	.....	.....	.....	.....	.....	.....

FIG. 4

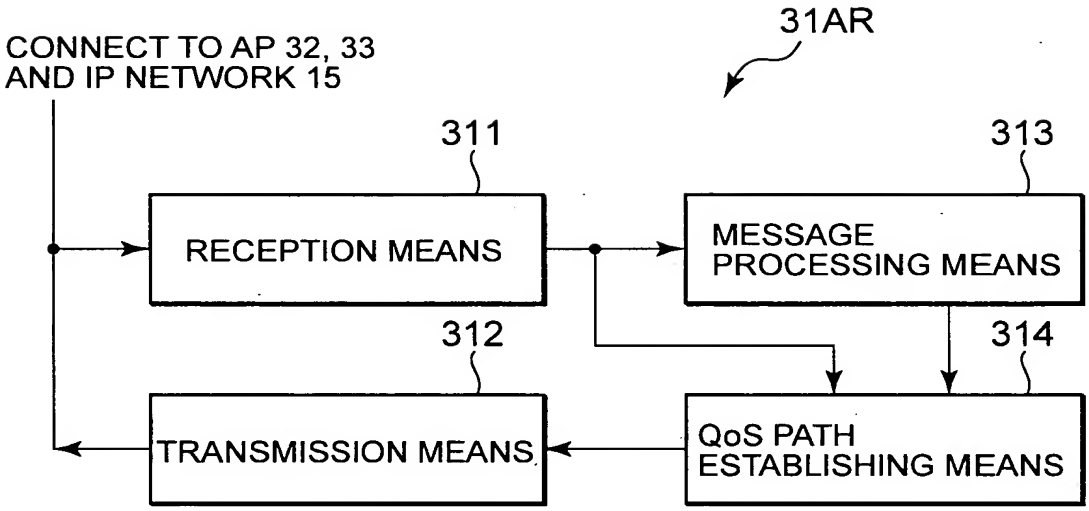
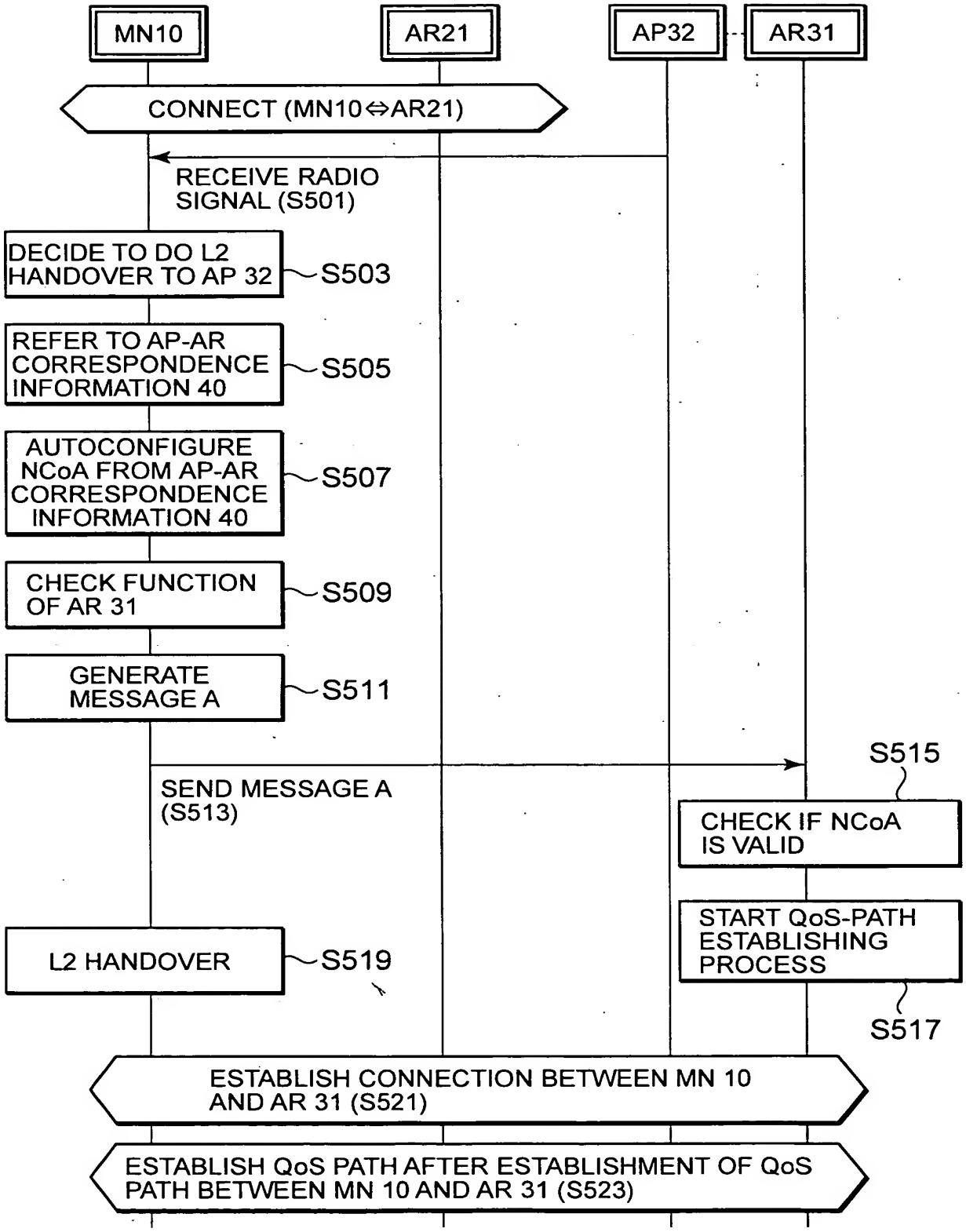

CONNECT TO AP 32, 33
AND IP NETWORK 15
31AR
311
313
RECEPTION MEANS
MESSAGE
PROCESSING MEANS
312
314
TRANSMISSION MEANS
QoS PATH
ESTABLISHING MEANS

FIG. 5


MN10
AR21
AP32
AR31
CONNECT (MN10⇔AR21)
RECEIVE RADIO SIGNAL (S501)
DECIDE TO DO L2 HANDOVER TO AP 32
S503
REFER TO AP-AR CORRESPONDENCE INFORMATION 40
S505
AUTOCONFIGURE NCoA FROM AP-AR CORRESPONDENCE INFORMATION 40
S507
CHECK FUNCTION OF AR 31
S509
GENERATE MESSAGE A
S511
SEND MESSAGE A (S513)
S515
CHECK IF NCoA IS VALID
START QoS-PATH ESTABLISHING PROCESS
S517
L2 HANDOVER
S519
ESTABLISH CONNECTION BETWEEN MN 10 AND AR 31 (S521)
ESTABLISH QoS PATH AFTER ESTABLISHMENT OF QoS PATH BETWEEN MN 10 AND AR 31 (S523)

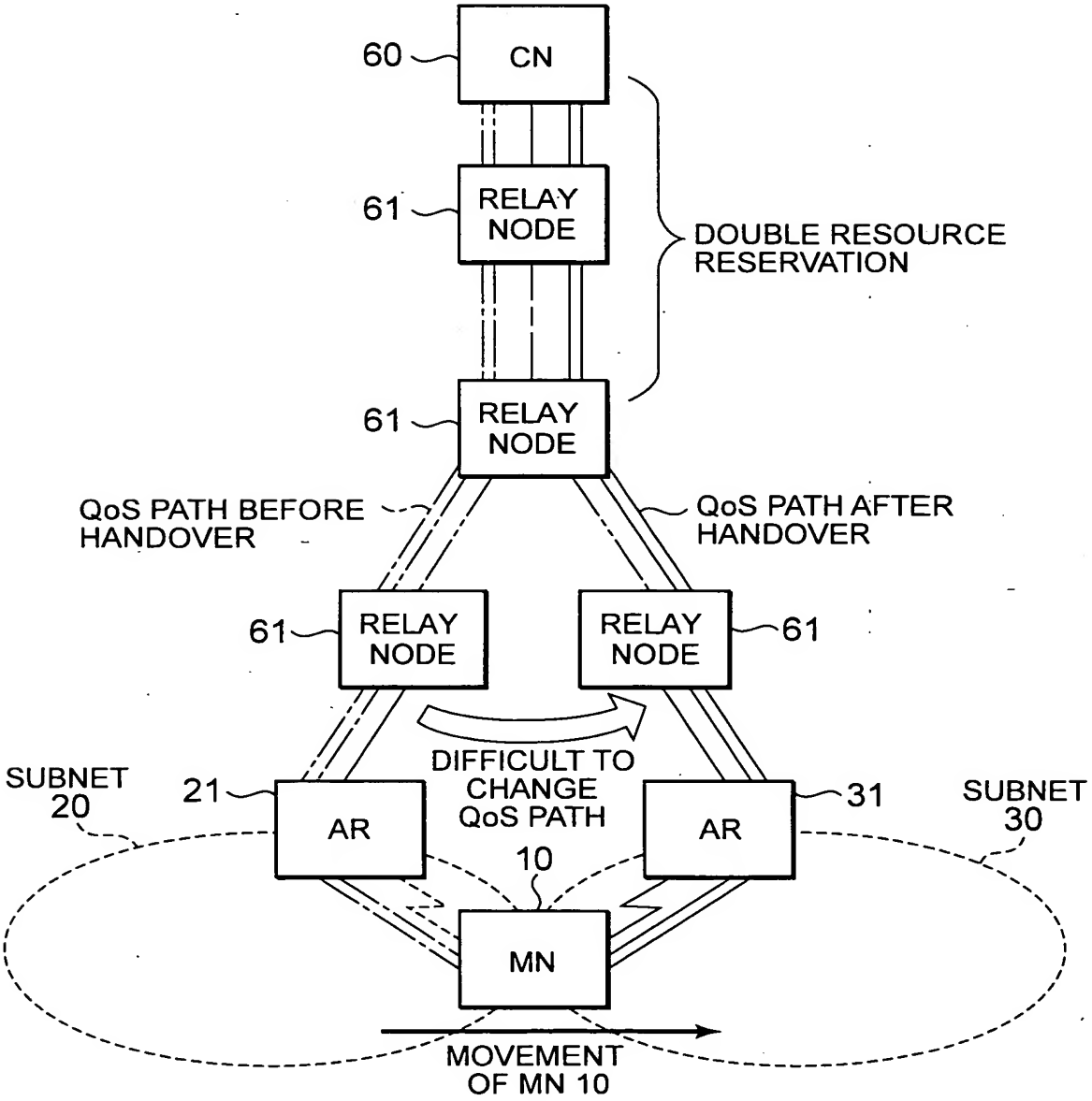



FIG. 6
PRIOR ART